



Anti-IFNA1 Monoclonal antibody, clone BO-29 (CABT-BL7657)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Isotype	IgG1, κ
Source/Host	Rat
Species Reactivity	Mouse
Clone	BO-29
Purification	Affinity chromatography
Conjugate	Unconjugated
Applications	ELISA, IP
Format	Liquid
Concentration	0.5 mg/mL
Size	50 μ g, 500 μ g
Buffer	PBS, pH 7.2
Preservative	0.09% Sodium Azide
Storage	4°C

BACKGROUND

Introduction	IFN gamma, also called Type II interferon, macrophage activation factor, and immune interferon is produced primarily by T-lymphocytes and natural killer cells in response to antigens,
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mitogens, Staphylococcus enterotoxin B, phytohemagglutinin and other cytokines. IFN gamma is a glycoprotein that exists, functionally, as a homodimer of approximately 45 kDa. On SDS-PAGE it appears as a combination of 25, 20 and minor 15.5 kDa bands as a result of differential glycosylation. The biological activity of the IFN gamma homodimer is highly species specific and includes the following: antiviral activity, tumor antiproliferative activity, induction of class I and II MHC, macrophage activation, and enhanced immunoglobulin secretion by B lymphocytes. IFNg is involved in cytokine regulation and also acts synergistically with other cytokines.

Keywords

IFNA1; interferon, alpha 1; interferon alpha-1/13; IFL; IFN; IFN ALPHA; IFN alpha 1b; IFN alphaD; IFNA13; IFNA@; interferon alpha 1b; leIF D; IFN-alpha 1b; IFN-alpha-1/13; interferon-alpha1; interferon alpha-D; IFN-ALPHA; IFN-alphaD; MGC138207; MGC138505; MGC138507;

GENE INFORMATION

Entrez Gene ID

[15978](#)

UniProt ID

[P01580](#)
